VPCS13SGX/Z

INTEL® CORE™ I5 PROCESSOR TECHNOLOGY

The Intel® Core™ i5 Processor puts smart performance well within your reach. It delivers solid performance for everyday applications, with the ability to increase speed as needed for demanding tasks thanks to new Intel® Turbo Boost Technology[11]. It automatically adapts to whatever you are doing on your PC, dialing up speed to respond quickly to your needs. It's smart performance with a speed boost.

It also features Intel® Hyper-Threading Technology[12] which enables each core of your processor to work on two tasks at the same time, delivering the performance you need for smart multitasking. Get smart performance now.

IMAGINE WHAT YOU CAN DO

Imagination Studio™ Suite 2 VAIO® Edition combines five powerful Sony® applications so you can enhance and share your music, photos, and movies like never before. Turn your video shoots into Hollywood-style movies. Make your own original music or create remixes and mash-ups of your favorite songs. Organize all your photos. Author your project to DVD and share your digital life with family and friends.

PERFECTLY PORTABLE

Lightweight and easy to handle at just over 4.75 lbs. (with large battery) with a thin 1" profile, the VAIO® S Series notebook is crafted for those on the move. But true mobility is about much more than mere size and weight. And that's where this PC stands apart. A durable magnesium casing and new G-Sensor™ Shock Protection technology help protect your PC against the bumps and knocks common to life on the go. Plus a host of energy-saving features deliver up to 8 hours[4] with a large capacity battery.

SEE THE LIGHT

Practical innovation is a cornerstone of Sony's vision, and our keyboards are no exception. Designed for ease of use, the S laptop features precisely engineered keys to create a comfortable and intuitive typing experience. And to make it even easier to find the right keys – whether typing day or night, in the dark or light – an LED backlight creates a pleasant glow, framing the individual keys and illuminating the lettering.

DEDICATED NIVIDIA® GEFORCE® GRAPHICS

A dedicated NIVIDIA® GeForce® graphics card with 512MB of VRAM offers a performance boost to your day-to-day processor functions for an optimized overall computing experience regardless of the task.

DURABILITY

Hit the road with confidence. The VAIO® S laptop is built to help endure the knocks, bumps and accidents common to frequent travel and day-in, day-out computing. Important durability features include:

- Magnesium alloy casing to help protect against knocks and bumps.
- G-Sensor™ Shock Protection technology helps counteract sudden movements by locking up the spinning hard drive to help prevent potential damage, such as scratching, which could lead to data loss.

Step up to the portable and powerful 13.3" VAIO® S Series notebook. A breeze to carry at just 4.4 lbs (with standard battery), this PC delivers up to 5 hours of standard battery life for true mobile freedom. Add to that durable magnesium casing and you get a notebook that's perfect for those who are always on the go.

SONY
make.believe

VPCS13SGX/Z

Specifications

General

Action Buttons: VAIO, ASSIST, Wireless On/Off

Pointing Device: Electrostatic Touchpad (Multi-Finger)

Security: Biometric Fingerprint Sensor

Hardware

Keyboard: QWERTY, 86 keys with 1.7mm stroke and 19.05mm pitch

Camera: Built-in MOTION EYE® camera and microphone

Backlit Keyboard: Yes

Processor

Type: Intel® Core™ i5-480M

Speed: 2.66GHz[1] with Turbo Boost Technology[11] up to 2.93GHz[1]

Technology: Dual Core

Cache: 3MB

Memory

Installed: 4GB (2GB x 2)

Maximum: 8GB

Type/Speed: DDR3-1066MHz

Hard Drive

Capacity: 500GB[2]

Speed: 7200rpm

Type: HDD

Technology: 7200rpm

Optical Drive

Type: DVD SuperMulti Drive

Audio

Sound System: Intel® High Definition Audio

Display

Screen Size: 13.3"

Resolution: 1366 x 768

Back Light Technology: LED

Graphics

Processor: NVIDIA® GeForce® 310M

Video RAM: 512MB dedicated

Inputs and Outputs

Headphone Jack: 1

Memory Stick® Media Slot: 1

Microphone Input: 1

Port Replicator Connector(s): 1

VGA Output(s): 1

DC-In: 1

HDMI™ Output(s): 1

Express Card®/34 Slot: 1

Secure Digital (SD) Slot: 1

USB 2.0: 3

Power

Battery Type: Large Capacity Lithium-Ion Battery

DVD Playback: up to 5.0 hours[4] (4 hours Standard Battery)

Default Brightness: up to 8 hours[7] (up to 5.5 hours Standard Battery)

Maximum Brightness: up to 7.5 hours[4] (5 hours Standard Battery)

Start-up Times

Average Boot Time: 60 seconds

Average Resume Time from Suspend: 2 seconds

First Boot Time: 5 minutes

Wireless/Networking

Ethernet Protocol: 10baseT/100baseTX/1000baseT

Bluetooth® Technology: Bluetooth Integrated Stereo A2DP (2.1 + EDR)

WiFi Adapter: Intel® 802.11a/b/g/n

Software

Operating System: Genuine Windows® 7 Professional 64-bit

Supplied Software: Microsoft® Office Starter[6] with reduced-functionality versions of Word and Excel, VAIO Care™ , Media Gallery™ , PMB - VAIO Edition[5]

Anti-Virus Software: Norton Internet Security™ 2011 30-Day Trial Offer[7]

Adobe Creative Software: Adobe® Acrobat® Standard 9.0

Sony Imagination Studio Suite 2 - VAIO Edition: Vegas™ Movie Studio HD Platinum 10.0, DVD Architect Studio 5.0, ACID™ Music Studio 8.0, Sound Forge™ Audio Studio 10.0, Photo Go 1.0[9]

Service and Warranty Information

Onsite/In-Home Service: Yes[8]

International Service: Yes

Limited Warranty Term: 1 Year Limited Warranty. See actual warranty for details.

Environmental Information

EPEAT™ : Gold

RoHS®: Compliant

ENERGY STAR®: 5.0

Dimensions

Weight: 4.75 lbs. (with Standard Capacity Battery)

Measurements: 12.95" (W) x 1.08-1.24" (H) x 9.00" (D)

Supplied Accessories

Large Capacity Lithium-Ion Battery (5000mAh), AC Adapter, Power Cord

Color: Wavy Black

UPC Code: 027242825901

1. GHz denotes microprocessor internal clock speed and may vary.
2. 1 GB = 1 billion bytes. Actual formatted capacity will be less.
3. Viewable area measured diagonally.
4. Estimates only based upon Sony engineering testing. Actual performance will vary based on notebook settings, environmental conditions, and usage. Battery capacity decreases over time and use.
5. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor. Long distance charges may apply.
6. This PC is preloaded with reduced-functionality versions of Word and Excel that include advertising. Purchase an Office 2010 Product Key to activate full-featured Office software on this PC.
7. Norton Internet Security™ 2011 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.
8. Availability may be limited. See limited warranty for details.
9. HDMI cable sold separately.
10. Excluding end user interaction.
11. Requires TV adapter and compatible television. Does not support Blu-ray® disc or other protected content playback.
12. Requires a system with Intel® Turbo Boost Technology capability. Intel Turbo Boost Technology 2.0 is available only on 2nd generation Intel® Core™ i5 and i7 processors. Performance varies depending on hardware, software and system configuration.
13. Available on select Intel® Core™ processors. Requires an Intel® HT Technology enabled system. Performance will vary depending on the specific hardware and software used.
14. Mobile broadband service sold separately.
15. Compatible camera and supporting media sold separately.
16. Allocation of system memory to graphics varies depending on operating condition, version of device driver and total system memory size.

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